Form PTO-1449 (modified)

For Applicant's Information

Disclosure Statement

ATTY. DKT. NO. 5659-06800

APPLICANT: Wellington et al.

FILING DATE: April 24, 2001

OTHER ART

	OTHER ART									
EXAM. INITIALS	DES.	OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)								
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Page 1 of 1 (modified)

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List of Patents		/	4:1/	ANT: Wellington	4 -1	CONTENDA A TIONI NO . 6740
For Applicant's		on Octob	**VAPPLIC	ANI: Wellingto	n et al.	CONFIRMATION NO.: 5749
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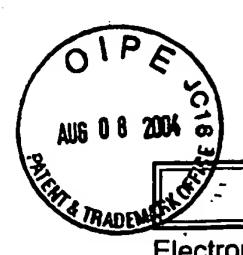
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Page 1 of 1 (modified)



#### **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION PRODUCING A MIXTURE WITH **OXYGENATED HYDROCARBONS** 

**Application Number:** 

09/841129

**Confirmation Number:** 

5749

First Named Applicant:

**Scott Wellington** 

Attorney Docket Number: 5659-06800

**Art Unit:** 

1764

Examiner:

Thuan D. Dang

Search string:

( 6698515 or 6702016 or 6708758 or 6712135 or 6712136 or 6712137 or 6715546 or 6715547 or 6715549 or 6715548 or 6719047 or 6722431 or 6722430 or 6722429 or 6725920 or 6725921 or 6725928 or 6729397 or 6729396 or 6729401 or 6729395 or 6732794 or 6732796 or 6736215 or 6739394 or 6739393 or 6742593 or 6742587 or 6742589 or 6742588 or 6745837 or 6745831 or 6749021 or 6752210 or 6758268 or 6763886 or 6769485 or 6769483 or 6581684 or 6588504 or 6588503 or 6591906 or 6591907 or 6607033

or 6609570 or 6688387 or 6761216 or

20040069486 or 20040015023 or 20030213594

or 20040040715 or 20040020642 or

20040108111 ).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	2	6702016	2004-03-09	de Rouffignac et al.	]		
	3	6708758	2004-03-23	de Rouffignac et al.	]		
	4	6712135	2004-03-30	Wellington et al.	] .		
	5	6712136	2004-03-30	de Rouffignac et al.	]		
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Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20040069486	2004-04-15	Vinegar et al.			
	2	20040015023	2003-11-20	Wellington et al.	]		
	3	20030213594	2003-11-20	Wellington et al.	]		
	4	20040040715	2004-03-04	Wellington et al.	]		
	5	20040020642	2004-02-05	Vinegar et al.	]		
	6	20040108111	2004-06-10	Vinegar et al.	]		

## Signature

Examiner Name	Date
Jeurs Dohuson	12/13/04

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DATE CONSIDERED: 12/04

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Page 1 of 1 (modified)

Information Disclosure Statement-PTO 1449



## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Dectronic Version v18

Stylesheet Version v18.0

Title of Invention IN SITU THERMAL PROCESSING OF A COAL FORMATION PRODUCING A MIXTURE WITH **OXYGENATED HYDROCARBONS** 

Application Number:

09/841129

Confirmation Number: 5749

First Named Applicant: Scott Wellington

Attorney Docket Number: 5659-06800

**Art Unit:** 

1764

Examiner:

T. D. Dang

Search string:

( 3004596 or 3342258 or 3455383 or 3501201

or 3502372 or 3759574 or 4160479 or 4375302

or 4483398 or 4815790 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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## Signature

Examiner Name	Date
Deur D. Dohnson	12/13/04

Disclosure Statement (Use several sheets if necessary)  FILING DATE: 4/24/2001  OTHER ART  OTHER ART
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**EXAMINER:** 

DATE CONSIDERED:



#### **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION PRODUCING A MIXTURE WITH **OXYGENATED HYDROCARBONS** 

**Application Number:** 

09/841129

Confirmation Number: 5749

First Named Applicant: Scott Wellington

Attorney Docket Number: 5659-06800

Art Unit:

1764

Examiner:

. T. D. Dang

Search string:

( 3994340 or 3994341 or 4460044 or 4696345

or 2584605 or 2969226 or 3982591 or

3982592 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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		4	4696345	1987-09-29	Hsueh			
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#### **Signature**

Examiner Name	Date
Jours Dohuson	12/13/04

Page 1 of 1 APP\_ID=09841129

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For Applicant's Disclosure State	Informati ement	ion ( cm 2 7 2004 20)	APPLIC	CANT: Wellington	n et al.	CONFIRMATION	NO.: 5749
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EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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DATE CONSIDERED: 13/04



## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION PRODUCING A MIXTURE WITH **OXYGENATED HYDROCARBONS** 

**Application Number:** 

09/841129

**Confirmation Number:** 

5749

First Named Applicant:

**Scott Wellington** 

Attorney Docket Number: 5659-06800

Art Unit:

3672

Examiner:

Glenn A. Caldarola

Search string:

(4931171 or 4737267 or 4384948 or 3593790

or 3497000 or 3244231 or 3223166 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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#### Signature

Examiner Name	Date
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**GROUP 3600** 

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SERIAL NO. 09/841,129

GROUP: 1764

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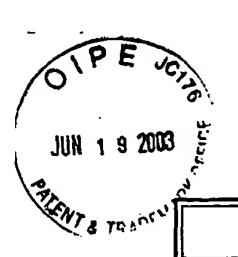
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EXAMINER: DATE CONSIDERED: 12/13/04

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EXAMINER: Demos

DATE CONSIDERED: 12 13 04



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION PRODUCING A MIXTURE WITH **OXYGENATED HYDROCARBONS** 

Application Number:

09/841129

Confirmation Number:

5749

First Named Applicant:

Scott Wellington

Attorney Docket Number: 5659-06800

Art Unit:

1764

Examiner:

Marian C. Knode

Search string:

(3026940 or

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3026940	1962-03-27	Spitz			
<b>M</b>	2	3947683	1976-03-30	Schultz et al.			

## Signature

Examiner Name	Date
Dem Dehuson	12/13/04

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For Applicant's In	List of Patents and Publications  For Applicant's Information  Disclosure Statement  Use several sheets if necessary			APPLICANT: Wellington et al.			3672			
(Use several sheet		essary) MAY 3	FILING I	DATE: April 24,	2001					
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EXAMINER: ( ) LINI Johns

DATE CONSIDERED: 13

12/13/04

Electronic Information Disclosure Statement

# IN SITU THERMAL PROCESSING OF A COAL FORMATION PRODUCING A MIXTURE WITH OXYGENATED **HYDROCARBONS**

Application:

Confirmation: 5749

Applicant(s):

**Scott Wellington** 

Docket

5659-06800

Number:

**Group Art** Unit:

Examiner:

Unknown

search string:

or 4669542 or 4682652 or 4982786 or 5201219 or 5339904 or 3349845 ).pn.

## **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	P09	4265307	1981-05- 05		Elkins		
	P10	4390067	1983-06-		Wilman		

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	P15	4598770	1986-07- 08		Shu et al.	
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	P19 .	5201219	1993-04- 13	·	Bandurski et al.	,
	P20	5339904	1994-08- 23		Jennings, Jr.	
	P25	3349845	1967-10- 31		Holbert et al.	

# Signature

Examiner Name	Date
Deur D. Danson	12/13/04

Electronic Information Disc Statement

# IN SITU THERMAL PROCESSING OF A COAL FORMATION PRODUCING A MIXTURE WITH OXYGENATED **HYDROCARBONS**

Application:

Confirmation:

5749

Applicant(s):

**Scott Wellington** 

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Number:

Examiner:

Unknown.

search string:

**Group Art Unit:** 

(3221811 or 3987851 or 4042026 or 4005752 or 5868202 or 5126037 or 3477058 or

3580987 ).pn.

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#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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# Signature

Examiner Name	Date
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Seus Deturn	12/13/04

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List of Patents and Publications Disclosure Statement (Use several sheets if necessary)

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ATTY. DKT. NO. 5659-06800/TH1993

SERIAL NO. 09/841,129

APPLICANT: Wellington et al.

**GROUP: 3672** 

FILING DATE: April 24, 2001

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EXAMINER

DATE CONSIDERED: 12 13 04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Page 1 of 1

Information Disclosure Statement-PTO 1449 (modified)

# **Electronic Information Disclosure** Statement

IN SITU THERMAL PROCESSING OF A COAL FORMATION PRODUCING A MIXTURE WITH OXYGENATED **HYDROCARBONS** 

Application:

Confirmation: 5749

Applicant(s):

**Scott Wellington** 

Docket

5659-06800

Number: **Group Art** 

Unit:

Examiner:

Unknown

5955039 or 4091869 or 4513816 or 0094813 or 5008085 or 4099567 or 0048994 or 64852332 or

20020018697).pn.

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#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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## Remarks

(Remarks are not for responding to an office action.)

Please note: Foreign patent documents and non-patent references will be sent using a standard US PTO 1449 Form.

# Signature

Examiner Name	Date	
Jeuns Donnson	13/04	

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ATTY. DKT. NO. 5659-06800/TH1993

SERIAL NO. 09/841,129

APPLICANT: Wellington et al.

GROUP: 3672

FILING DATE: April 24, 2001

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1	Н3	4,895,206	Jan-90	Price				
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	J2	1,681,523	Feb-1928	Downey et. al.		C)	7	
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DATE CONSIDERED: 12 13 04



ATTY. DKT. NO. 5659-06800/TH1993

SERIAL NO. 09/841,129

APPLICANT: Wellington et al.

**GROUP: 3672** 

FILING DATE: April 24, 2001

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		G6	Rogers, Rudy E. "Coalbed Methane: Principles and Practice" Prentice-Hall, Inc. 1994, pp. 164-165.
	(	<b>G9</b>	Hyne, Norman J. Geology for Petroleum Exploration, Drilling, and Production. McGraw-Hill Book Company, 1984, p. 264.

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		mation 0 3 7000 mecessary)	A DDI 1C	ANT: Wellington, et al.		GRO	UP: 3672	
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	E7	5,366,012	Nov-1994	Lohbeck				1
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		1991, Vol. 6, pp. 423-488.		. <u></u>				-
	E12	Cortez et al., UK Patent Applic	ation GB 2,068,0	14 A, Date of Publication:	August 5, 1	981.		
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Page 1 of 1

Information Disclosure Statement-PTO 1449 (modified)

ATTY. DKT. NO. 5659-06800/TH1993

SERIAL NO. 09/841,129

APPLICANT: Wellington, et al.

**GROUP: 3672** 

FILING DATE: April 24, 2001

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**EXAMINER:** 

DATE CONSIDERED:

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ATTY. DKT. NO. 5659-06800/TH1993

APPLICANT: Wellington, et al.

SERIAL NO. 09/841,129

**GROUP: 3672** 

FILING DATE: April 24, 2001

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EXAMINER:

DATE CONSIDERED: 12/13/04

ATTY. DKT. NO. 5659-06800/TH1993

APPLICANT: Wellington, et al.

**GROUP: 3672** 

SERIAL NO. 09/841,129

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

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EXAMINER:

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ATTY. DKT. NO. 5659-06800/TH1993

SERIAL NO. 09/841,129

APPLICANT: Wellington, et al.

**GROUP: 3672** 

FILING DATE: April 24, 2001

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